

R. Schindler

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/412,863

DATE: 02/22/2001
 TIME: 12:27:34

Input Set : D:\141ultra.txt
 Output Set: N:\CRF3\02222001\I412863.raw

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see p. 5

4 <110> APPLICANT: Sette, Alessandro
 5 Sidney, John
 6 Southwood, Scott
 7 Livingston, Brian
 8 Chesnut, Robert
 9 Baker, Denise Marie
 10 Celis, Esteban
 11 Kubo, Ralph
 12 Grey, Howard M.
 15 <120> TITLE OF INVENTION: INDUCING CELLULAR RESPONSES TO HUMAN
 16 IMMUNODEFICIENCY VIRUS-1 USING PEPTIDE AND NUCLEIC ACID
 17 COMPOSITIONS
 20 <130> FILE REFERENCE: 018623-014100 US
 C--> 22 <140> CURRENT APPLICATION NUMBER: US/09/412,863
 23 <141> CURRENT FILING DATE: 1999-10-05
 25 <150> PRIOR APPLICATION NUMBER: U.S.S.N. 09/189,702
 26 <151> PRIOR FILING DATE: 1998-11-10
 28 <150> PRIOR APPLICATION NUMBER: U.S.S.N. 08/205,713
 29 <151> PRIOR FILING DATE: 1994-03-04
 31 <150> PRIOR APPLICATION NUMBER: U.S.S.N. 08/159,184
 32 <151> PRIOR FILING DATE: 1993-11-29
 34 <150> PRIOR APPLICATION NUMBER: U.S.S.N. 08/073,205
 35 <151> PRIOR FILING DATE: 1993-06-04
 37 <150> PRIOR APPLICATION NUMBER: U.S.S.N. 08/027,146
 38 <151> PRIOR FILING DATE: 1993-03-05
 40 <160> NUMBER OF SEQ ID NOS: 14526
 42 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 44 <210> SEQ ID NO: 1
 45 <211> LENGTH: 8
 46 <212> TYPE: PRT
 47 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
 49 <400> SEQUENCE: 1
 50 Lys Leu Trp Val Thr Val Tyr Tyr
 51 1 5
 54 <210> SEQ ID NO: 2
 55 <211> LENGTH: 8
 56 <212> TYPE: PRT
 57 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
 59 <400> SEQUENCE: 2
 60 Asn Leu Trp Val Thr Val Tyr Tyr
 61 1 5
 64 <210> SEQ ID NO: 3
 65 <211> LENGTH: 8
 66 <212> TYPE: PRT
 67 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
 69 <400> SEQUENCE: 3
 70 Asp Thr Glu Val His Asn Val Trp

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71 1 5
74 <210> SEQ ID NO: 4
75 <211> LENGTH: 8
76 <212> TYPE: PRT
77 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
79 <400> SEQUENCE: 4
80 Val Thr Glu Asn Phe Asn Met Trp
81 1 5
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 8
86 <212> TYPE: PRT
87 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
89 <400> SEQUENCE: 5
90 Arg Ile Gly Pro Gly Gln Thr Phe
91 1 5
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 8
96 <212> TYPE: PRT
97 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
99 <400> SEQUENCE: 6
100 Gly Ile Gly Pro Gly Gln Thr Phe
101 1 5
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 8
106 <212> TYPE: PRT
107 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
109 <400> SEQUENCE: 7
110 Ser Ile Gly Ser Gly Gln Ala Phe
111 1 5
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 8
116 <212> TYPE: PRT
117 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
119 <400> SEQUENCE: 8
120 Lys Leu Arg Glu Ile Arg Gln Phe
121 1 5
124 <210> SEQ ID NO: 9
125 <211> LENGTH: 8
126 <212> TYPE: PRT
127 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
129 <400> SEQUENCE: 9
130 Ser Thr Asn Gly Thr Glu Thr Phe
131 1 5
134 <210> SEQ ID NO: 10
135 <211> LENGTH: 8
136 <212> TYPE: PRT
137 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
139 <400> SEQUENCE: 10
140 Ala Val Gly Ile Gly Ala Val Phe
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Input Set : D:\l41ultra.txt
Output Set: N:\CRF3\02222001\I412863.raw

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141 1 5
144 <210> SEQ ID NO: 11
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147 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
149 <400> SEQUENCE: 11
150 His Leu Leu Lys Leu Thr Val Trp
151 1 5
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 8
156 <212> TYPE: PRT
157 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
159 <400> SEQUENCE: 12
160 His Leu Leu Gln Leu Thr Val Trp
161 1 5
164 <210> SEQ ID NO: 13
165 <211> LENGTH: 8
166 <212> TYPE: PRT
167 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
169 <400> SEQUENCE: 13
170 His Met Leu Gln Leu Thr Val Trp
171 1 5
174 <210> SEQ ID NO: 14
175 <211> LENGTH: 8
176 <212> TYPE: PRT
177 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
179 <400> SEQUENCE: 14
180 Arg Val Leu Ala Val Glu Arg Tyr
181 1 5
184 <210> SEQ ID NO: 15
185 <211> LENGTH: 8
186 <212> TYPE: PRT
187 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
189 <400> SEQUENCE: 15
190 Asn Val Pro Trp Asn Ser Ser Trp
191 1 5
194 <210> SEQ ID NO: 16
195 <211> LENGTH: 8
196 <212> TYPE: PRT
197 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
199 <400> SEQUENCE: 16
200 Glu Ile Trp Asp Asn Met Thr Trp
201 1 5
204 <210> SEQ ID NO: 17
205 <211> LENGTH: 8
206 <212> TYPE: PRT
207 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
209 <400> SEQUENCE: 17
210 Asp Leu Leu Ala Leu Asp Lys Trp
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Input Set : D:\141ultra.txt
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211 1 5
214 <210> SEQ ID NO: 18
215 <211> LENGTH: 8
216 <212> TYPE: PRT
217 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
219 <400> SEQUENCE: 18
220 Glu Leu Leu Glu Leu Asp Lys Trp
221 1 5
224 <210> SEQ ID NO: 19
225 <211> LENGTH: 8
226 <212> TYPE: PRT
227 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
229 <400> SEQUENCE: 19
230 Asp Ile Thr Asn Trp Leu Trp Tyr
231 1 5
234 <210> SEQ ID NO: 20
235 <211> LENGTH: 8
236 <212> TYPE: PRT
237 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
239 <400> SEQUENCE: 20
240 Trp Leu Trp Tyr Ile Lys Ile Phe
241 1 5
244 <210> SEQ ID NO: 21
245 <211> LENGTH: 8
246 <212> TYPE: PRT
247 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
249 <400> SEQUENCE: 21
250 Leu Ile Gly Leu Arg Ile Ile Phe
251 1 5
254 <210> SEQ ID NO: 22
255 <211> LENGTH: 8
256 <212> TYPE: PRT
257 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
259 <400> SEQUENCE: 22
260 Leu Ile Gly Leu Arg Ile Val Phe
261 1 5
264 <210> SEQ ID NO: 23
265 <211> LENGTH: 8
266 <212> TYPE: PRT
267 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
269 <400> SEQUENCE: 23
270 Ser Ile Arg Leu Val Asn Gly Phe
271 1 5
274 <210> SEQ ID NO: 24
275 <211> LENGTH: 8
276 <212> TYPE: PRT
277 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
279 <400> SEQUENCE: 24
280 Ser Ile Arg Leu Val Ser Gly Phe
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Input Set : D:\141ultra.txt
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281 1 5
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285 <211> LENGTH: 8
286 <212> TYPE: PRT
287 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
289 <400> SEQUENCE: 25
290 Asp Leu Arg Asn Leu Cys Leu Phe
291 1 5
294 <210> SEQ ID NO: 26
295 <211> LENGTH: 8
296 <212> TYPE: PRT
297 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
299 <400> SEQUENCE: 26
300 Asp Leu Arg Ser Leu Cys Leu Phe
301 1 5
304 <210> SEQ ID NO: 27
305 <211> LENGTH: 8
306 <212> TYPE: PRT
307 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
309 <400> SEQUENCE: 27
310 Arg Ser Leu Cys Leu Phe Ser Tyr
311 1 5
314 <210> SEQ ID NO: 28
315 <211> LENGTH: 8
316 <212> TYPE: PRT
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319 <400> SEQUENCE: 28
320 Glu Leu Leu Gly Arg Arg Gly Trp
321 1 5
324 <210> SEQ ID NO: 29
325 <211> LENGTH: 9
326 <212> TYPE: PRT
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329 <400> SEQUENCE: 29
330 Thr Val Tyr Tyr Gly Val Pro Val Trp
331 1 5
334 <210> SEQ ID NO: 30
335 <211> LENGTH: 9
336 <212> TYPE: PRT
337 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
339 <400> SEQUENCE: 30
340 Asn Val Thr Glu Asn Phe Asn Met Trp
341 1 5
344 <210> SEQ ID NO: 31
345 <211> LENGTH: 9
346 <212> TYPE: PRT
347 <213> ORGANISM: HUMAN IMMUNODEFICIENCY VIRUS
349 <400> SEQUENCE: 31
350 Asp Ser Ser Asn Ser Thr Gly Asn Tyr

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

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L:22 M:270 C: Current Application Number differs, Replaced Current Application Number
L:142567 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (14253) SEQUENCE:
L:144064 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (14402) SEQUENCE:
L:144069 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (14403) SEQUENCE:
L:144264 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (14423) SEQUENCE:
L:144955 M:341 W: (46) "n" or "xaa" used, for SEQ ID#:14491